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CAGE: MANUFA 0A1K8 MICHEL	MANUFACTURER NAME: MICHELIN TIRE CO.	NAME: '0.		1			REI 203	REFERENCE NR: 20X4.4 R12	NOUN : TIRE,PI	NOUN : TIRE, PNEUMATIC	NSN 2620013211049
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STANDARD ENGINEERING TEXT ALL COVERNMENT/MILITARY SPECIFICATIONS AND STANDARDS WILL NOT BE	SERING TE	XT	NOTE &	l v	CTAND	ARDS	1113	NOT BE FIRMISHED			
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SPECIAL PACKAGING INST	(ND. CURRENT T		NN. (1PN) 157-3821 1 OF 12
ITEM NOMENCLATURE TIRES, PNEUMATIC	DATF	INGR: M. STEPHENS AUTH: A. BRIMHALL	
MILITARY PRESERVATION INW MIL-STD- SERVICEABLE METHOD: 10 QUP OOT ICQ OOD CLEANING & DRYING: IAW MIL-STD 2073 PRESERVATIVE: N/A MARKING IAW MIL-STD 129 SPECIAL MARKINGS: A) SPI NO. FOI-157-3821 1. MARK THE SPI MIMBER ON THE LABEL SIDE OF THE CO 2. MARK ALL REMINABLE LINERS WITH THE SPI MIMBER. 3 MARK REUSEABLE CONTAINER ON THE SIDE. CLOSURE LEVEL A: IAW PPP-B-621 LINNAILED CLOSURE IAW ASTM D6251 UNNAILED CLOSURS APPLICABLE.	LEVEL SPEC. A SEE LABLE B MIL-HUBK-7 GROSS CU FT GROSS WI LB: DESIGN FRAGIO CNIR I.D. CNIR (I.D. LEVEL A: LEVEL A: LEVEL B: ITEM DIM ITEM WT. I. 1R LA ADDED A	I AND II 774 LEVEL A VARIES S VARIES	VRIY GR IR IEVEL B VARIES VARIES 110 TH DEPTH INSTRUCTIONS I 0 35
-12 A/R SKIDS	05 M 72 M 72 A 72 M 72 M	5486 TYPE I DR V 5330 TYPE I 5199 CLASS 2 3953 TY RD, FIN A 3953 TY RD, FIN A 4727 TY CF, CL DDM, 4727 TY CF, CL DDM,	VAR SW, GR 200 Z

SPECIAL PACKAGING INSTRUCTION	CUUE ID 98747			(TP[-382		
ITEM NOMENCLATURE TIRES, PNEUMATIC		SHEFI	5	OF	15	

NOTICES

NOTICE 1: IF THE TIRES MUST BE SHIPPED (MOUNTED) ON THE WHEELS, REFER TO TIRE/WHEEL ASSEMBLY (SPECIAL CONDITIONS AUTHORIZATION) PACKAGING INSTRUCTIONS ON AITACHMENT III OF THIS SPE

NOTICE 2: NORMAL OPERATIONAL TEAR-DOWN OF MATED TIRE AND WHEEL ASSEMBLIES IS STILL REQUIRED AT CONUS/OCONUS MAIN OPERATING BASES (MOB) THAT ARE TIRE AND WHEEL SHOP CAPABLE IN ACCORDANCE WITH APPLICABLE TECHNICAL ORDER DATA, PRIOR TO SHIPPING TO DEPOT.

NOTICE 3: TIRES AND WHEELS ARE STOCK LISTED INDIVIDUALLY AND ARE TO BE SHIPPED SEPARATELY. IF THE TIRES MUST BE SHIPPED MOUNTED ON THE WHEELS, REFER TO SPECIAL CONDITIONS AUTHORIZATION ATTACHMENT IS:

NOTICE 4: ATTACHMENT I IS HANDLING INSTRUCTIONS FOR EVERYONE EXCEPT MANUFACTURERS.

NOTICE 5: ATTACHMENT II IS HANDLING INSTRUCTIONS FOR MANUFACTURERS.

NOTICE 6: ATTACHMENT III IS SPECIAL CONDITIONS AUTHORIZATION.

EUROPEAN UNION (EU) REQUIREMENTS NOTICES

NOTICE 7: LUMBER AND PACKACING/CONTAINER STATEMENT - "ALL WOODEN LUMBER AND WOOD CONTAINERS PRODUCED ENTIRELY OR IN PART OF NON-MANUFACTURED SOFTWOOD SPECIES SHALL BE CONSTRUCTED FROM HEAT TREATED (HT) MATERIAL (HT TO 56 DEGREES CENTICRADE OR 133 DEGREES FAHRENTIEIT FOR 30 MINUTES). CERTIFICATION IS REQUIRED BY AN ACCREDITED ACENCY RECOGNIZED BY THE AMERICAN LUMBER STANDARDS COMMITTEE (ALSO). CONSTRUCTION AND CERTIFICATION SHALL BE IN ACCORDANCE WITH NON-MANUFACTURED WOOD PACKING POLICY AND NON-MANUFACTURED WOOD PACKING ENFORCEMENT REGULATIONS, BOTH DATED MAY 30, 2001." THESE DOCUMENTS CAN BE FOUND AT WWW.APHIS.USDA.GOV.

NOTICE 8: WOODEN PALLET STATEMENT - *ALL WOODEN PALLETS PRODUCED FNTIRELY OR IN PART OF NON-MANUFACTURED SOFTWOOD SPECIES SHALL BE CONSTRUCTED FROM HEAT TREATED (HT) MATERIAL (HT 10 56 DEGREES CENTICRADE OR 133 DECREES FAHRENHEIT FOR 30 MINUTES). CERTIFICATION IS REQUIRED BY AN ACCREDITED AGENCY RECOGNIZED BY THE AMERICAN LUMBER STANDARDS COMMITTEE (ALSC). CONSTRUCTION AND CERTIFICATION SHALL BE IN ACCORDANCE WITH NON-MANUFACTURED WOOD PACKING POLICY AND NON-MANUFACTURED WOOD PACKING ENFORCEMENT REGULATIONS, BOTH DATED MAY 30, 2001.* THESE DOCUMENTS CAN BE FOUND AT WWW.APLIIS.USDA.COV.

NOTICE 9: HARDWOOD SPECIES STATEMENT - "ALL WOODEN PALLETS PRODUCED ENTIRELY OF NON-MANUFACTURED HARDWOOD SPECIES SHALL BE IDENTIFIED BY A PERMANENT MARKING OF "NC" (NON-CONIFEROUS), 1.25 INCHES OR GREATER IN HEIGHT, ACCOMPANIED BY THE CAGE CODE OF THE CONTRACTED MANUFACTURER AND THE MONTH AND YEAR OF THE CONTRACT. ON PALLETS, THE MARKING SHALL HE APPLIED TO THE STRINGER OR BLOCK ON OPPOSITE SIDES AND ENDS OF THE PALLET AND BE CONTRASTING AND CLEARLY VISIBLE."

NOTES

- 1. READ ALL SPI INSTRUCTIONS THOROUGHLY PRIOR TO DETERMINING HOW TIRES ARE TO BE SHIPPED.
- 2. TIRES, WEIGHT AND SIZES ARE SHOWN IN TABLE I AND II. PACKAGING FOR LEVEL A IS SHOWN IN TABLE II.
- 3. PACKAGING FOR LEVEL B IS SHOWN IN FIGURE 1. WEIGHTS AND SIZES VARY DEPENDING ON QUAINTLY OF TIRES SHRINK WRAPPED, LEVEL B MAXIMUM PACKAGING DIMENSION IS 48 X 40 X 55.
- 4. THEMS PACKED IN PREVIOUS SPI'S DO NOT REDUIRE REPACKING UNLESS THEY DIT NOT PRITIECT THE
- 5. THIS SPE DOES NOT LIST EVERY NSW THAT MAY APPLY, AS TIRES ARE IDENTIFIED THAT ARE BETWEEN FOR 30 INCH DIAMETERS THIS SPE MAY BE USED. CONTACT THE PRIME ALC OF ANY NEW MIN AND THEY WILL BE ADDED WHEN REVISIONS ARE MADE.

(SPE	CL	AL	PACK	AG	IN	G	IN	ST	RU	C'l	'IO	N				DE 8/4						(TP) -387	
						FM IRF													SF	EET	·-	3	OF	12
				SR. WT. LEVEL A	62	44	52	28	25	26	33	33	34	43	34									
				GRADE CU FT. LEVEL	i.i	318	63	<u>2</u> .i	1.75	j.45	2.25	2.15	2.06	3.24	2.36				H					· • .
		VARIETY GRADE	∢1	CONTAINER C.D.	365 × 365 × 361	23 × 23 × 10%€	12% x 12% x 7%	%5 x %6; x %6!	20%2 x 20%2 x 15%	3/2 x 3/8; x 3/81	20% x 20% x 9%	22% x 22% x 7%	20%2 x 20%3 x 81%	23% X 23% X 10%	2035 x 2035 x 8%									
	H	STYLE TYPE CLASS	5	CONTAINER I.E. LEVEL A	17% × 17% × 7½6 1	2:18 x 2118 x 876 3	10% x 10% x 5% 1	17% × 17% × 7% 1	1853z x 1853z x 5½ 3	16 X X 36 X 5 X 5 X 10 1	18½ × 18½ × 7½	30% × 30% × 30% × 30%	1832 × 1832 × 63.	21% x 21% x 8½	183 ₂ × 183 ₂ × 634									
H	P OF	ST		CAGE	04NP2	81345	81349	8:349	81349	61349	81349	98747	OAIKB	04NP4	CZNP4									
TABLE	FOR QUP	VE. SPEC	Δ p>p-3-621 (MOD)	P/N	9x00-9	V1LT5341	M2L75641	M1LT564;	41_T5041	P.1L.75341	MIL 75041	7531006	.8X5.7/18PR	7-00-3/16PR	18x5-7-8-0/2PR									
		<u> </u>		17	5.5	18.5	41.8	2.5	8.5	2	12.4	136	15.9	18.5	:5.5	 								
		PACKING		TIRE SIZE	376 X 6% X 371	×	10% × 2% × 10%				13 X 6/2 X 18	20 x 4½ x 20	17% × 5% × 17%	20% x 7% x 20%	17% × 5% × 17%									
				RSK	262C-00-060-7013		2620-00-269-7552 101/2 X	2520-30-542-3127	2620-00-554-2459	2620-00-555-2267	5620-00-779-1154	2620-0:-0:22-2783	2520-01-157-3821	2620-61-319-6253	2620-01-427-2324 17%						1			

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									MEN PN											SH	HEE ———	T .—	4	DF	12
				68405	∢	EST. GROSS PACKING WT	9318	150	228	95	77	81	901	105	117	131	120								
				VARIETY GR		GRADE CL. FT.	797	12.38	2.14	162	6.63	76.7	8 55	7.26	7.57	:2.38	7.57								
		PER CONTAINER		TYPE CLASS	0	CONTAINE? D.O. PACKACING LEVEL A	34 X 15% X 20%	3834 x 23 x 24	23532 X 3256 X 13	33% X 19% X 20%	24½ x 20½ x 2)	61 x 1/81 x 342	34% x 20% x 21	24½ X 22¼ X 23	3034 x 2014 x 2:	38% X 23 X 24	30% x 20% x 21								
TARLE II		OF 5 EA. PR	SPECIFICATION	SPEC STALE	ASIM-E625; (MDD) A	CENTAINER 1.0 PACKAGING LEVEL A	32 X 17% X 18%	363 x 21k x 22	2152 x 1056 x 11	31% X 17% X 18%	61 x 3/8; x 3/82	22½ × 16¼ × 17	32% x 18% x 19	22% x 20% x 21	28% x 18% x 19	35% X 2; X 22	28% × 18% × 15							14 27	
		HON	Y8 (I∵		ASTM	T.V.	4.8	8	209	43	43	B	6.2	89	38	93	8:3		-						
		CONSOLIDATION	SKIDS WHEN REDUIRED	PACKING LEVEL	∢	TIRE SIZE	弘L1 × 兆5 × 弘L1	20% × 7% × 20%	10% x 4% x 10%.	17% X 6% X 17%	7% X 4% X 17%	15 X 4½ X 16	18 x 6½ x 13	20 x 4½ x 20	17% x 5% x 17%	20% x 7% x 20%	17% X 5% X 7%								
			U1	4		NSN	2620-39-060-7013	2620-00-110-6636	2623-00-259-7662 1046 X	2620-00-542-0:27 17% X 6%	2620-30-554-2459	2620-03-555-2267 15 X	2620-C0-779-:194	2620-31-042-2783 , 20 X	262C-0:-157-3821	2620-01-319-6253	2620-01-427-2324 17%								

SPECIAL PACKAGING INSTRUCTION	CODE ID 98747	SPI F01-		TPU) 3821
ITEM NOMENCLATURE TIRES, PNEUMATIC		SHEET	5 []F 12

ATTACHMENT I

PACKING AND HANDLING INSTRUCTIONS FOR AIRCRAFT TIRES FOR EVERYONE EXCEPT THE MANUFACTURER

AIRCRAFT TIRES ARE EASILY DAMAGED AND THEY REQUIRE SPECIAL MARKING AND HANDLING.
THESE INSTRUCTIONS APPLY TO ALL AIRCRAFT TIRES. THEY INCLUDE NEW, RECAPPED, AS WELL
AS RECAPPABLE TIRES. DOD ACTIVITY, OR PERSONS RESPONSIBLE FOR THE SHIPMENT, HANDLING,
OR STORAGE OF THESE TIRES WILL COMPLY WITH THESE INSTRUCTIONS. IF ANY DEVIATION IS
REQUIRED FROM THESE INSTRUCTIONS A WAIVER MUST BE OBTAIN FROM THE RESPONSIBLE
PACKAGING OFFICE. THESE INSTRUCTIONS CAN BE OBTAINED FROM THE RESPONSIBLE PACKAGING
OFFICE AND WILL BE ASSIGNED IN THE FORM OF A WAIVER AND WILL HAVE A NUMBER THAT WILL
BE MARKED ON THE SHIPMENT.

- 1. WHEN POSSIBLE TIRES WILL BE PACKED, SHIPPED OR STORED IN A VERTICAL POSITION (ON THE TREAD). TIRES MAY BE SHIPPED HORIZONTAL (ON SIDEWALLS) WITH THESE PROVISIONS.
 WHEN TIRES ARE SHIPPED HORIZONTALLY, BY A METHOD CALLED STOVE-PIPING THE TOTAL STACKING HEIGHT MUST BE LIMITED TO 84 INCHES, OR SEVEN FEET TO INSURE THEY ARE NOT CRUSHED FROM THE STACKING WEIGHT. THIS MAXIMUM STACKING HEIGHT IS A LIMIT AND IS TO CRUSHED FROM THE STACKING WEIGHT. THIS MAXIMUM STACKING HEIGHT IS A LIMIT AND IS TO BUSED AS SUCH. TIRES 40 INCHES DIAMETER AND LARGER MAY BE DAMAGED IF SHIPPED HORIZONTAL. THE SHIPPER MUST INSURE TIRES ARE NOT SHIPPED HORIZONTAL IF THEY WILL BE HORIZONTAL. THE SHIPPER MUST INSURE TIRES ARE NOT CRUSHED FROM THE STACKED ANY HIGHER, DAMAGED. TIRES THAT ARE TO HEAVY TO STACK TO 84 INCHES MUST NOT BE STACKED ANY HIGHER, DAMAGED. TIRES THAT ARE TO HEAVY TO STACK TO 84 INCHES MUST NOT BE STACKED ANY HIGHER, THIS WILL INSURE THEY ARE NOT CRUSHED FROM THE STACKING WEIGHT. THE SHIPPER IS RESPONSIBLE TO INSURE THES ARE NOT CRUSHED FROM THE STACKING WEIGHT. THAT COULD DAMAGE THE TIRES SIDEWALLS, E.G. SHIPPING SURFACES ARE FREE FROM ANYTHING THAT COULD DAMAGE THE TIRES SIDEWALLS, E.G. NAILS, WOOD-SLIVERS ETC. AIRCRAFT TIRES MAY BE SHRINK WRAPPED TO A PALLET WITH THE NAILS, WOOD-SLIVERS ETC. AIRCRAFT TIRES MAY BE SHRINK WRAPPED TO A PALLET WITH THE NAILS INCLUDES THE PALLET USED. THE SIZE IS LIMITED TO PALLET SIZE. NO TIRES OVER 40 INCHES MAY BE WRAPPED OR SHIPPED ON A STANDARD 48 X 40 PALLET. TIRES MAY NOT HANG OVER THE EDGE OF A PALLET. THE USE OF A TOP AND BOTTOM SHEET OF FIBERBOARD DURING WRAPPING WILL WATERPROOF THE MANDATORY. USE OF A TOP SHEET OF FIBERBOARD DURING WRAPPING WILL WATERPROOF THE MANDATORY. USE OF A TOP SHEET OF FIBERBOARD DURING WRAPPING WILL WATERPROOF THE SHOULD THE STACKS. THIS MEETS MILITARY STANDARDS FOR SERVICEABLE AND CULL AFFECT THE STORED AND STORED AND STORED THE STACKS. THIS MEETS MILITARY STANDARGE TO TIRES. UPON ARRIVAL VERTICALLY (ON THEIR TREADS). THEREFORE, SHIPPING THESE TIRES ON TH
 - 2. NOTHING THAT WILL LEAVE ADHESIVES ON THE TIRES MAY BE USED TO ATTACH LABELS OR MARKINGS. GLUES ARE ALMOST IMPOSSIBLE TO REMOVE FROM TIRES AND ARE UNDER NO CIRCUMSTANCE TO BE USED.
 - 3. TIRES ARE EASILY DAMAGED BY ANYTHING SHARP OR PROTRUDING OBJECTS. PRIOR TO PUTTING TIRES IN ANY CONTAINER, TRUCK, TRAILER, OR RAIL CAR AND ON PALLETS ALL SURFACES WILL BE INSPECTED TO INSURE NOTHING WILL PUNCTURE OR DAMAGE THE TIRES. THIS INCLUDES, NAILS, WOOD SLIVERS, STAPLES ETC. WHEN SURFACES ARE IN SUCH CONDITION THAT THEY CAN CAUSE DAMAGE TO THE TIRES THEY MUST BE LINED TO PROTECT THE TIRES. DO NOT USE KNIVES, RAZORS OR ANYTHING SHARP TO PACK OR UNPACK TIRES. DO NOT SHIP TIRES NEXT TO, ON TOP OF, OR UNDER ANY MATERIAL THAT COULD CAUSE DAMAGE TO THE TIRE. PALLETS DESIGNED WITH STEEL POLES THAT SUPPORT THE WEIGHT OF THE PALLET ABOVE MAY BE STACKED. OTHERWISE, PALLETS MAY NOT BE STACKED. FORK EXTESU 'UNSIONS WILL BE USED WHEN MOVING LARGE PALLETS OF TIRES.

SPECIAL PACKAGING INSTRUCTION	CDDF ID 9874/	591 591			l l
TIEM NUMENCLATURE		SHEET	6	I.IF	12

ATTACHMENT I - CONTINUED

- 4. THE TIRE BEAD IS ANOTHER AREA THAT IS EASILY DAMAGED. TIRES SHOULD NEVER BE LIFTED WITH THE FORKS OF A FORKLIFT UNLESS THAT FORKLIFT HAS SPECIAL FORKS DESIGNED TO LIFT TIRES. THE BEAD OF THE TIRE IS AN AREA WHERE THEY ARE SEALED AGAINST THE WHEEL. ANY FOREIGN MATERIAL SUCH AS GLUE, DIRT, OR GREASE CAN CAUSE THE TIRE NOT TO SEAL. ANY SCRATCHES OR DAMAGE TO THIS BEAD DESTROYS THE TIRE FOR USE. ALL HANDLING WILL INSURE THE BEAD AREA IS PROTECTED AT ALL TIMES.
- 5. ALL SHIPPING CONTAINERS MADE OF WOOD ARE TO BE LINED WITH ASTM-D4727, CORRUGATED FIBERBOARD (C.F.), DOMESTIC (DOM), SINGLE WALL (SW), GRADE (GR), 175 OR EQUAL. THE INSIDE DIMENSIONS OF SHIPPING CONTAINERS SHALL BE LIMITED TO ONE INCH LARGER THAN THE OVERALL LENGTH, WIDTH AND DEPTH OF THE COMBINED GROUP OF TIRES BEING SHIPPED. LENGTH SHALL NOT EXCEED 84 INCHES O.D. IF POSSIBLE AND HEIGHT SHALL NOT EXCEED 45 INCHES O.D. SKIDS SHOULD BE USED IF THE GROSS WEIGHT EXCEEDS 200 LBS, OR 100 LBS IF BOTH LENGTH AND WIDTH DIMENSIONS EXCEED 48 INCHES AND 24 INCHES RESPECTIVELY. LEVEL A SHIPPING CONTAINERS ARE NOT TO EXCEED 2500 LBS GROSS WEIGHT. CONTENTS ARE NOT TO EXCEED 1000 LBS.
- 6. MARKING OF TIRES CAN ONLY BE ACCOMPLISHED THROUGH THE USE OF ADHESIVE BACKED LABELS OR ENVELOPES THAT ARE APPLIED TO THE TREAD. ONE COPY OF THE APPLICABLE SPI SHOULD BE ATTACHED TO THE TIRE IN AN ADHESIVE BACKED ENVELOPE. IF DESIRED THE SPI MAY ACCOMPANY THE DOCUMENTATION. FOR SHIPMENTS OF MORE THAN ONE TIRE OF THE SAME SIZE, ONE SPI WILL BE ADEQUATE AND THIS SPI MUST ACCOMPANY THE PAPER WORK.
- 7. WHEN TIRES ARE UNIT PACKED IN QUANTITIES OF MORE THAN ONE, THEY SHALL BE SEPARATED BY CRAFT PAPER, UU-P-268, TYPE I, GRADE OPTIONAL OR PLASTIC FILM CONFORMING TO A-A-3174, TYPE I, CL 1, GR A, FIN 1 OR ANY MATERIAL THAT WILL SEPARATE THESE TIRES AND PREVENT DAMAGE.
- 8. WHEN LOADING OR STACKING TIRES WITH VARYING DIMENSION, SIZES 40 INCHES AND LARGER SHALL CONSTITUTE THE FIRST TIER. SUBSEQUENT LAYERS SHALL BE POSITIONED ACCORDING TO DIMENSIONS. WITH THE LARGEST ONES ON THE BOTTOM AND THE NEXT LARGEST SIZE ON TOP OF THEM IN ORDER. TOTAL HEIGHT OF TIERS SHALL NOT EXCEED SEVEN FEET. TIRES WILL NOT BE USED FOR CHALKING, SIDES AND DOORS OF RAIL CARS AND TRAILERS WILL BE LINED WITH FIBERBOARD CONFORMING TO ASTM-D4727 CF, DOM, SW, GR, 175 OR EQUAL. SLIP SHEETS WILL BE INSERTED BETWEEN TIERS AT LEAST TWICE IN THE LOAD FOR STABILIZATION AND TO HELP PREVENT SHIFTING.
- 9. CAUTION: WHEN WOOD CONTAINERS ARE USED DO NOT NAIL LIDS ON, THEY MUST BE UNNAILED CLOSURES.
 - 10. WHEN SHIPPING ON AN OPEN TRAILER, CONTAINERS WILL BE COVERED WITH A TARP.
- 11. UNLESS OTHERWISE SPECIFIED, DIMENSIONS WILL BE IN INCHES, TOLERANCES: FRACTIONS: + OR % DECIMALS: + OR .125
 - 12. TIRES WILL BE PALLETIZED IN ACCORDANCE WITH MIL-STD-147.
- 13. ADHESIVE BACKED LABELS WILL BE USED ON THE SIDEWALL TO SHOW THE TIRES MUST BE STORED AND SHIPPED UPRIGHT AND THAT THEY ARE PRESSURE SENSITIVE. THESE LABELS ARE TO BE 4 INCHES BY 6 INCHES WITH ½ INCH LETTERING FOR TIRES LARGER THAN 36 INCHES. FOR TIRES SMALLER THAN 36 INCHES THE LABELS WILL BE 3 INCHES BY 5 INCHES WITH ¼ INCH LETTERING.

SPECIAL PACKAGING INS	TRUCTION CODE 1 98747	-	SPI NO F01-15		
ITEM NOMENO		211	CE! 7	OF	15

ATTACHMENT II

PACKING AND HANDLING INSTRUCTIONS FOR AIRCRAFT TIRES FROM THE MANUFACTURER TO THE BUYER

AIRCRAFT TIRES ARE EASILY DAMAGED AND THEY REQUIRE SPECIAL MARKING AND HANDLING. THESE INSTRUCTIONS APPLY TO ALL AIRCRAFT TIRES. THEY INCLUDE NEW, RECAPPED, AS WELL AS RECAPPABLE TIRES. ANY MANUFACTURER RESPONSIBLE FOR THE SHIPMENT, HANDLING, OR STORAGE OF THESE TIRES WILL COMPLY WITH THESE INSTRUCTIONS. IF ANY DEVIATION IS REQUIRED FROM THESE INSTRUCTIONS A WAIVER MUST BE OBTAINED FROM THE RESPONSIBLE PACKAGING OFFICE.

- TREAD). TIRES NORMALLY WILL BE PACKED, SHIPPED OR STORED IN A VERTICAL POSITION (ON THE TREAD). TIRES MAY BE SHIPPED HORIZONTALLY (ON SIDEWALLS) WITH THESE PROVISIONS. WHEN TIRES ARE SHIPPED HORIZONTALLY, IN A METHOD CALL STOVE-PIPTMG THE TOTAL STACKING HEIGHT MUST BE LIMITED TO 84 INCHES, OR SEVEN FEET TO INSURE THEY ARE NOT CRUSHED FROM THE STACKING WEIGHT. THIS MAXIMUM STACKING HEIGHT IS A LIMIT AND IS TO BE USED FROM THE STACKING WEIGHT. THIS MAXIMUM STACKING HEIGHT IS A LIMIT AND IS TO BE USED AS SUCH. TIRES 40 INCHES DIAMETER AND LARGER MAY BE DAMAGED IF SHIPPED HORIZONTAL. AS SUCH. TIRES 40 INCHES DIAMETER AND LARGER MAY BE DAMAGED IF SHIPPED HORIZONTAL. THE SHIPPER MUST INSURE TIRES ARE NOT CRUSHED ARE NOT CRUSHED. IT IS THE SHIPPER RUST INSURE THAN ARE TOO HEAVY TO STACK TO 84 INCHES MUST NOT BE STACKED ANY HIGHER THAN TIRES THAT ARE TOO HEAVY TO STACK TO 84 INCHES MUST NOT BE STACKED ANY HIGHER THAN WILL INSURE THEY ARE NOT CRUSHED. IT IS THE SHIPPERS RESPONSIBLE TO INSURE ARE NOT CRUSHED FROM THE STACKING WEIGHT. THE SHIPPER IS RESPONSIBLE TO INSURE SHIPPING SURFACES ARE FREE FROM ANYTHING THAT COULD DAMAGE THE TIRES SIDEWALLS, E.G. NAILS, WOOD-SLIVERS ETC. AIRCRAFT TIRES MAY BE SHRINK WRAPPED TO A PALLET WHICH WILL HAVE A COMBINED TOTAL OF 55 INCHES, TIRE HEIGHT PLUS FALLET HEIGHT. TIRE SIZE IS LIMITED TO PALLET SIZE. NO TIRES OVER 40 INCHES MAY BE SHRINK WRAPPED OR SHIPPED ON A STANDARD 48 X 40 PALLET. SIZE NO THERS OVER 40 INCHES MAY BE SHRINK WRAPPED OR SHIPPED ON A STANDARD 48 X 40 PALLET SIZE. NO TIRES OVER 40 INCHES MAY BE SHRINK WRAPPED OR SERVICEABLE AND STANDARD 48 X 40 PALLET SIZE. SHRINK WRAP MEETS MILITARY STANDARDS FOR SERVICEABLE AND UNSERVICEABLE METHODS OF PRESERVATION. THE USE OF A TOP AND BOTTOM SHEET OF FIBERBOARD IS MANDATORY WHEN TIRES ARE SHRINK WRAPPED. USE OF A TOP SHEET OF FIBERBOARD IS MANDATORY WHEN TIRES ARE SHRINK WRAPPED. USE OF A TOP SHEET OF FIBERBOARD DURING WRAPPING WILL WATERFREROOF THE PALLETIZED TIRES. THE BOTTOM SHEET FOR ANY LOOSE NAILS OR WOOD THAT COULD CAUSE
- 2. NOTHING THAT WILL LEAVE ADHESIVES ON THE TIRES MAY BE USED TO ATTACH LABELS OR MARKINGS. GLUES ARE ALMOST IMPOSSIBLE TO REMOVE FROM TIRES AND ARE UNDER NO CIRCUMSTANCES TO BE USED.
- 3. TIRES ARE EASILY DAMAGED BY ANYTHING SHARP OR PROTRUDING OBJECTS. PRIOR TO PUTTING TIRES IN ANY CONTAINER, TRUCK, TRAILER, OR RAIL CAR AND ON PALLETS ALL SURFACES WILL BE INSPECTED TO INSURE NOTHING WILL PUNCTURE OR DAMAGE THE TIRES. THIS INCLUDES, NAILS, WOOD SLIVERS, STAPLES ETC. WHEN THE SURFACES ARE IN SUCH CONDITION THAT THEY CAN CAUSE DAMAGE TO THE TIRES THEY MUST BE LINED WITH A SUITABLE LINER TO PROTECT THE TIRES. DO NOT USE KNIVES, RAZORS OR ANY THING SHARP TO PACK OR UNPACK TIRES. DO NOT SHIP TIRES NEXT TO, ON TOP OF, OR UNDER ANY MATERIAL THAT COULD CAUSE DAMAGE TO THE TIRE. PALLETS DESIGNED WITH STEEL POLES THAT SUPPORT THE WEIGHT OF THE PALLET ABOVE MAY BE STACKED. OTHERWISE, PALLETS MAY NOT BE STACKED. FORK EXTENSIONS WILL BE USED WHEN MOVING LARGER PALLETS OF TIRES.

SPECIAL PACKAGING INSTRUCTION	CUDE 1D 98747	SPI ND. (TPD) F01-157-3821	
TIRES, PNEUMATIC	- Inquantities	SHEET 8 DF 12	

ATTACHMENT II - CONTINUED

- 4. THE TIRE BEAD IS ANOTHER AREA THAT IS EASILY DAMAGED. TIRE SHOULD NEVER BE LIFTED WITH THE FORKS OF A FORKLIFT UNLESS THAT FORKLIFT HAS SPECIAL FORKS DESIGNED TO LIFT TIRES. THE BEAD OF THE TIRE IS AN AREA WHERE THEY ARE SEALED AGAINST THE WHEEL. ANY FOREIGN MATERIAL SUCH AS GLUE, DIRT OR GREASE CAN CAUSE THE TIRE NOT TO SEAL. ANY SCRATCHES OR DAMAGE TO THIS BEAD DESTROYS THE TIRE FOR USE. ALL HANDLING WILL INSURE THE BEAD AREA IS PROTECTED AT ALL TIMES.
- 5. MARKING OF TIRES CAN ONLY BE ACCOMPLISHED THROUGH THE USE OF ADHESIVE BACKED LABELS OR ADHESIVE BACKED ENVELOPES THAT ARE APPLIED TO THE TREAD. ONE COPY OF THE APPLICABLE SPI SHOULD BE ATTACHED TO THE TIRE IN AN ADHESIVE BACKED ENVELOPE, OR A COPY OF THESE INSTRUCTIONS. IN LIEU OF ATTACHING THE SPI OR HANDLING INSTRUCTIONS TO THE TIRE A COPY SENT WITH THE PAPER WORK WILL BE ADEQUATE. FOR MULTIPLE TIRE SHIPMENTS OF THE SAME TIRE ONE COPY OF THE SPI OR HANDLING INSTRUCTIONS WILL BE CONSIDERED ADEQUATE.
- 6. WHEN LOADING OR STACKING TIRES WITH VARYING DIMENSIONS, SIZES 40 INCHES AND LARGER SHALL CONSTITUTE THE FIRST TIER. SUBSEQUENT LAYERS SHALL BE POSITIONED ACCORDING TO DIMENSIONS. WITH THE LARGEST ONES ON THE BOTTOM AND THE NEXT LARGEST SIZE ON TOP OF THEM IN ORDER. TOTAL HEIGHT OF TIERS SHALL NOT EXCEED SEVEN FEET OR 84 INCHES. TIRES WILL NOT BE USED FOR CHALKING, SIDES AND DOORS OF RAIL CARS. SLIP SHEETS WILL BE USED BETWEEN TIERS AT LEAST TWICE IN THE LOAD FOR STABILIZATION AND TO HELP PREVENT SHIFTING.
- 7. CAUTION: WHEN WOOD CONTAINERS ARE USED DO NOT NAIL LIDS ON, THEY MUST BE UNNAILED CLOSURES.
 - 8. WHEN SHIPPING ON AN OPEN TRAILER, CONTAINERS WILL BE COVERED WITH A TARP.
- 9. UNLESS OTHER WISE SPECIFIED, DIMENSIONS WILL BE IN INCHES, TOLERANCES: FRACTIONS: + OR $\frac{1}{6}$ DECIMALS: + OR .125

SPECIAL PACKAGING INSTRUCTION	CODF 1D 9874/	SPI 			
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ATTACHMENT III

SPECIAL CONDITIONS AUTHORIZATION

FIRST, THE SHIPPER AND PACKER MUST COMPLY WITH THE INSTRUCTIONS GIVEN IN ATTACHMENT I, PACKING AND HANDLING INSTRUCTIONS FOR AIRCRAFT TIRES, EXCEPT WHERE THIS SPECIAL CONDITIONS AUTHORIZATION GIVES DIFFERENT GUIDANCE. FOR EXAMPLE, YOU MAY NOT SHIP MORE THAN ONE TIRE AND WHEEL ASSEMBLY HORIZONTALLY OR YOU MAY NOT STACK TIRE AND WHEEL ASSEMBLIES.

UNDER NORMAL CONDITIONS AIRCRAFT TIRES AND WHEELS SHOULD NEVER BE SHIPPED TOGETHER. HOWEVER, THERE ARE SPECIAL CONDITIONS IN THE FIELD WHEN SHIPPING TIRES AND WHEELS AS AN ASSEMBLY IS NECESSARY TO ACCOMPLISH MISSION REQUIREMENTS. THIS AUTHORIZATION IS TO ACCOMMODATE THOSE MISSION ESSENTIAL NEEDS. WHEN WHEELS AND TIRES ARE ASSEMBLED IT IS RECOMMENDED THE TOTAL RATED PRESSURE BE REDUCED BY 15-20% (LEAVING 80-85%) OF THE MAXIMUM RATED PRESSURE. THIS REDUCTION IN TOTAL PRESSURE IS RECOMMENDED AND NOT MANDATORY. NEVER INFLATE TIRES OVER THE MAXIMUM RATED PRESSURE. WHEN SHIPPING TIRE AND WHEEL ASSEMBLIES THEY MUST BE SECURED AT ALL TIMES AND THE HAZARD OF BEING UNDER PRESSURE MUST BE IDENTIFIED. PROTECTIVE PROCEDURES TO BE USED WHEN SHIPPING AIRCRAFT TIRE AND WHEELS AS ASSEMBLIES ARE AS FOLLOWS:

- 1. SHIPPERS AND CARRIERS ARE RESPONSIBLE TO ENSURE TIRE AND WHEEL ASSEMBLIES ARE PROPERLY PREPARED AND PROTECTED FOR SHIPMENT. WHENEVER POSSIBLE, TIRE AND WHEEL ASSEMBLIES WILL BE PACKED, SHIPPED AND/OR STORED IN A VERTICAL POSITION (ON THE TREAD). WHEN SHIPPING TIRE AND WHEEL ASSEMBLIES VERTICALLY (ON THE TREAD) FLACE PIBERBOARD SEPARATORS BETWEEN EACH ASSEMBLY. THIS IS TO ELIMINATE ANY CHAFING AND PIBERBOARD SEPARATORS BETWEEN EACH ASSEMBLY. THIS IS TO ELIMINATE ANY CHAFING AND PIBERBOARD SEPARATORS BETWEEN EACH ASSEMBLY. THIS IS TO ELIMINATE ANY CHAFING AND PIBERBOARD SEPARATORS BETWEEN EACH ASSEMBLY. THIS IS TO ELIMINATE ANY CHAFING AND PIBERBOARD RELIEF PADS MUST BE HEAT SHIELDS THAT EXTEND PAST THE EDGE OF THE WHEELS. IF THE WHEELS ASSEMBLED FOR THE WITH THE TIRES ARE USED TO INSURE THE HEAT SHIELDS ARE NOT CRUSHED. THE CONTAINER DESIGNED FOR TIRES ARE USED TO INSURE THE HEAT SHIELDS ARE NOT CRUSHED. THE CONTAINER, REDUCE THE QUANTITY BY ONE AND FILL THE VOID WITH A SUITABLE FOR THE CONTAINER, REDUCE THE QUANTITY BY ONE AND FILL THE VOID WITH A SUITABLE FILLER. THIS FILLER CAN BE A FALSE END THAT IS ADEQUATELY SUPPORTED. WHEEL AND TIRE AND OTHER OPTION BUT TO SHIP THEM HORIZONTALLY, IF AT ALL POSSIBLE. IF YOU HAVE NO ASSEMBLIES SHOULD NOT BE SHIPPED HORIZONTALLY THEY WILL NOT BE STACKED. YOU MUST SHIP ONLY ONE ASSEMBLY TO A CONTAINER. TIRE AND WHEEL ASSEMBLIES MAY BE SHIPPED HORIZONTALLY MAY BE EASILY DAMAGED. THIS DAMAGE MAY RESULT WHEN SIDEWALLS SHIPPED HORIZONTALLY MAY BE EASILY DAMAGED. THIS DAMAGE MAY RESULT WHEN SIDEWALLS CONTACT ANY SHIPPING SURFACE THAT MAY GOOGE, CUT OR PUNCTURE THE TIRE OR DENT THE TIRE AND WHEEL ASSEMBLIES ARE SHIPPED HORIZONTALLY THE SHIPPEN MUST ENSURE THE PROTECTION OF ALL PARTS OF THE TIRE AND WHEEL. THIS MAY REQUIRE RELIEF FOR HEAT PROTECTION OF ALL PARTS OF THE TIRE AND WHEEL THE SHIPPEN MUST ENSURE THE SHIPPED HORIZONTALLY, THE TIRE SIDEWALLS MUST BE PROTECTED FROM WHEEL ASSEMBLIES ARE SHIPPED HORIZONTALLY, THE TIRE SIDEWALLS MUST BE PROTECTED FROM WHEEL ASSEMBLIES ARE S
 - 2. NO TIRES OVER 40 INCHES MAY BE SHRINK-WRAPPED OR SHIPPED ON A STANDARD 48 X 40 PALLET. WHEN POSSIBLE, FABRICATE CUSTOM PALLETS LARGE ENOUGH TO ACCOMMODATE THE SIZE OF THE WHEEL AND TIRE ASSEMBLIES. TIRES MAY NOT HANG OVER THE EDGE OF A PALLET. THE USE OF A TOP AND BOTTOM SHEET OF FIBERBOARD IS RECOMMENDED. USE OF A TOP SHEET OF FIBERBOARD DURING WRAPPING WILL WATERPROOF THE PALLETIZED TIRE. THE BOTTOM SHEET PROTECTS THE TIRES FROM THE PALLET. PVC (STRETCH WRAP) FILMS SHOULD NOT BE USED, AS THESE LOOSEN AT HIGH TEMPERATURES AND COULD AFFECT THE STABILITY OF THE TIRE. THIS MEETS MILITARY STANDARDS FOR SERVICEABLE AND UNSERVICEABLE METHODS OF PRESERVATION. IT IS RECOMMENDED THAT UPON ARRIVAL AT THEIR DESTINATION, A/C TIRE AND WHEEL ASSEMBLIES BE UNWRAPPED IMMEDIATELY AND STORED VERTICALLY (ON THEIR TREADS). IF THE TIRE AND WHEEL ASSEMBLIES ARE TO BE RESHIPPED WITHIN A SHORT PERIOD OF TIME THEY MAY BE LEFT PALLETIZED.

SPECIAL PACKAGING INSTRUCTION	CDDE ID 98747	SPI F01-		(140 -3851	. 1	
ITEM NUMENCLATURE TIRES, PNEUMATIC		SHEET	10	□F —-	12	

ATTACHMENT III - CONTINUED

- 3. SHIPPERS MUST ENSURE SHIPPING SURFACES ARE FREE FROM ANYTHING THAT COULD DAMAGE THE TIRES AND WHEELS. ANY SHARP OR PROTRUDING OBJECTS CAN EASILY DAMAGE TIRES (E.G., NAILS, WOOD SLIVERS, ETC.). PRIOR TO PUTTING MATED TIRE AND WHEEL ASSEMBLIES IN ANY CONTAINER, TRUCK, TRAILER, RAIL CAR, ETC., AND ON PALLETS, ALL SURFACES WILL BE INSPECTED TO INSURE NOTHING WILL PUNCTURE OR DAMAGE THE TIRES AND WHEELS. WHEN SURFACES ARE IN SUCH CONDITION THAT THEY CAN CAUSE DAMAGE TO THE TIRES AND WHEELS THEY MUST BE LINED TO PROTECT THE TIRES AND WHEELS. DO NOT SHIP TIRE AND WHEEL ASSEMBLIES NEXT TO, ON TOP OF, OR UNDER ANY MATERIAL THAT COULD CAUSE DAMAGE TO THE TIRES AND WHEELS.
- 4. WHEN TIRE AND WHEEL ASSEMBLIES ARE UNIT PACKED IN QUANTITIES OF MORE THAN ONE, THEY SHALL BE SEPARATED BY A FIBERBOARD DIVIDER THAT WILL SEPARATE METAL TO METAL COMPONENTS WITHOUT DAMAGE TO THE TIRES AND WHEELS. ALSO, THE QUANTITIES OF EACH PACK MAY VARY DEPENDENT UPON SIZE OF THE ASSEMBLIES AND MAY NOT MATCH THE DRAWINGS ON THIS SPI.
- 5. THIS POLICY HAS BEEN CREATED TO ENSURE ALL FORWARD READINESS SPARES PACKAGES (RSP) SUPPORTED LOCATIONS AND FORWARD SUPPLY LOCATIONS (EN-ROUTE), THAT ROUTINELY RECEIVE AND SHIP MISSION ESSENTIAL FORWARD ASSEMBLIES, ARE BEING EXPEDITIOUSLY MOVED TO SUPPORT ALL AIR COMMAND TASKED MISSIONS. ANY QUESTION OR CONCERNS REGARDING THIS POLICY SHOULD BE ADDRESSED TO THE PROPER MANAGING AIR LOGISTICS COMMAND (ALC).
- 6. IMPORTANT: REMEMBER TO REFER TO NOTICE 2 ON PAGE 2 OF THIS SPECIAL PACKAGING INSTRUCTION.



